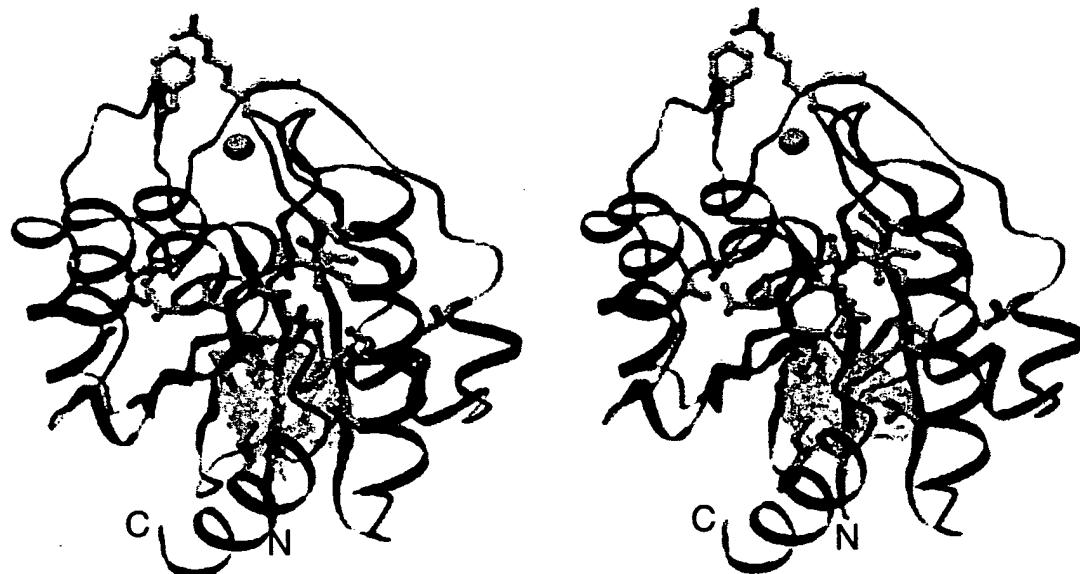
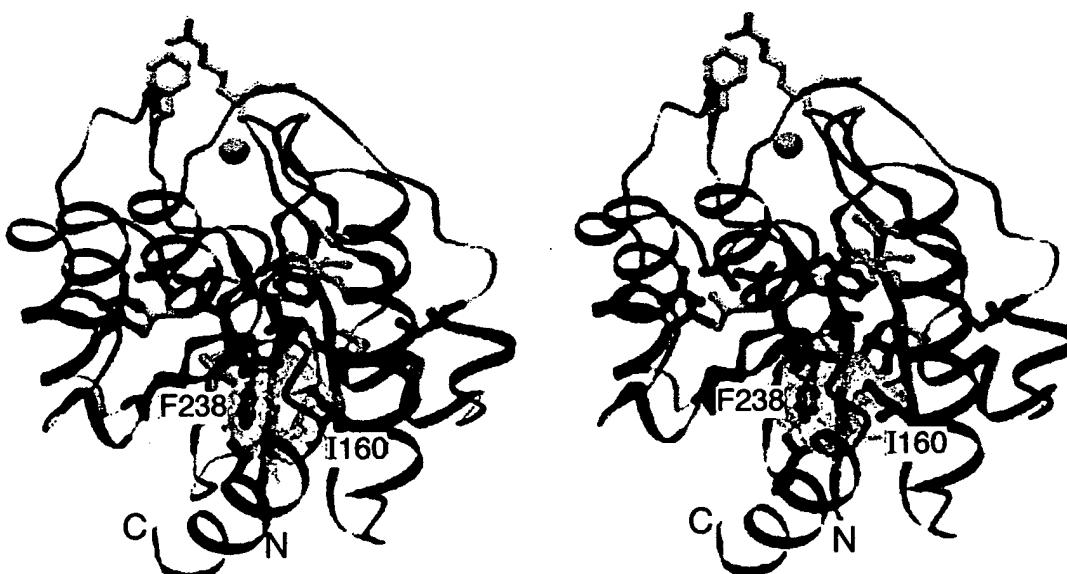
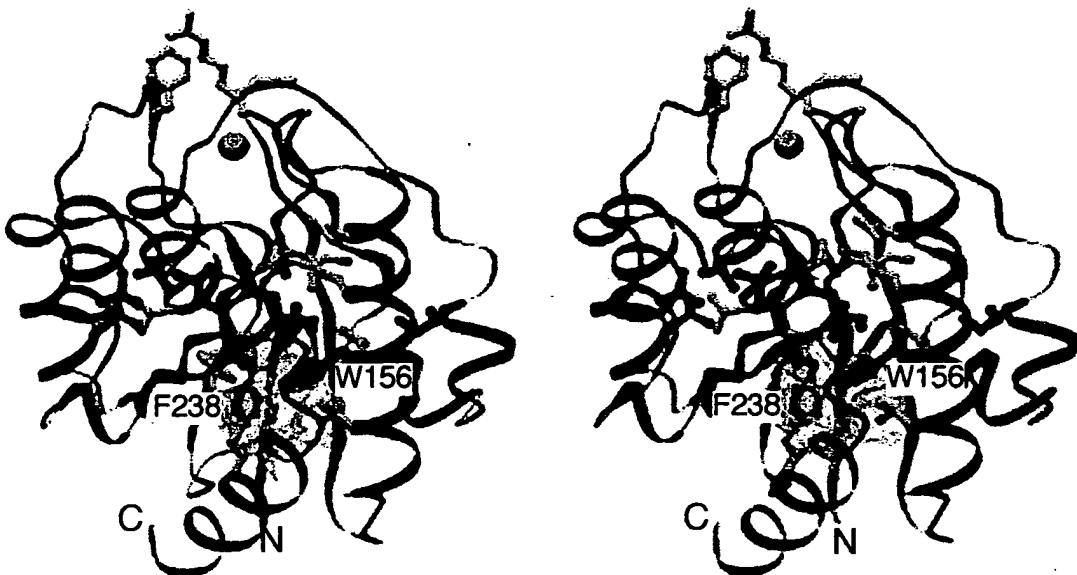


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**FIG.\_1A****FIG.\_1B**

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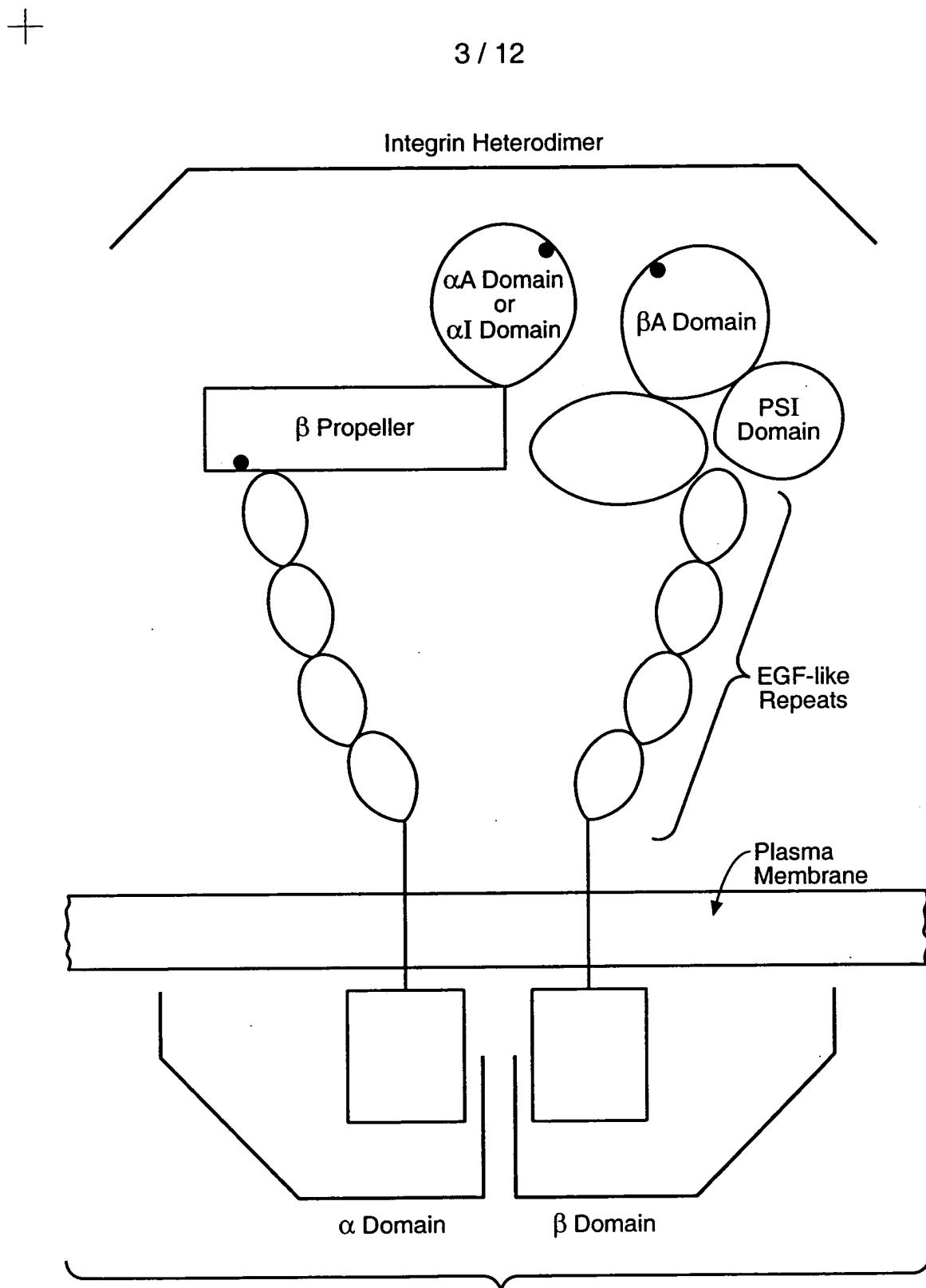
**FIG.. 1C**



**FIG.. 1D**

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**FIG. 1E****BEST AVAILABLE COPY**

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MALRVLLLALTLCCHGFNLDTENAMTFQENARGFGQSVVQLQGSRVVVGAP  
QEIVAANQRGSLYQCDYSTGSCEPIRLQVPVEAVNMSLGLSLAATTSPQL  
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**FIG.\_1F**

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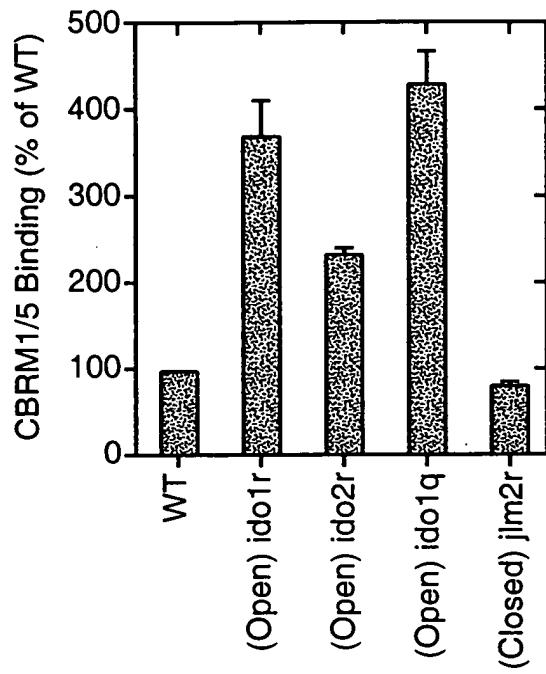
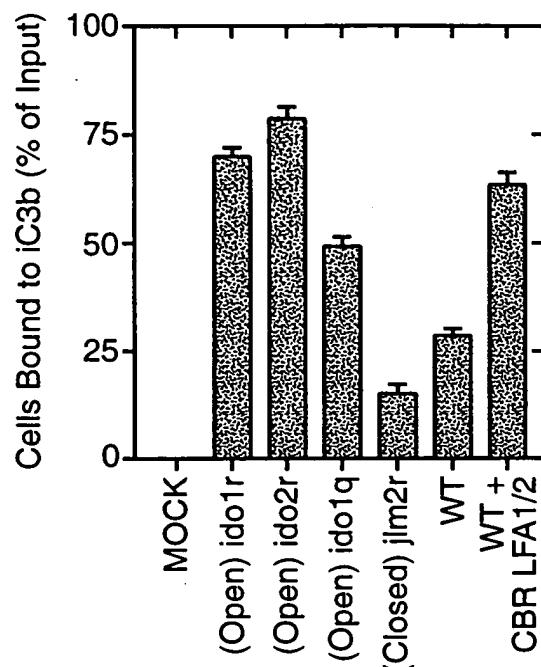
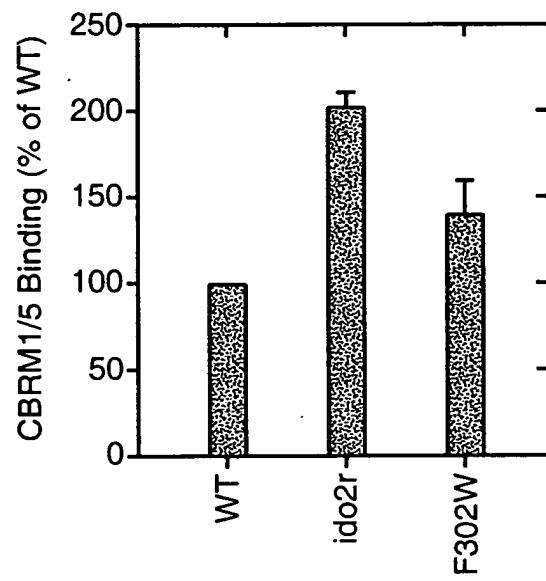
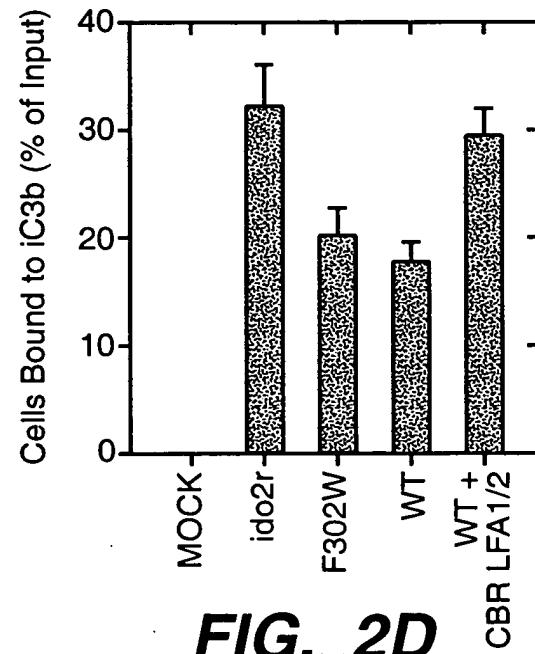
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**FIG.\_ 1G-1****BEST AVAILABLE COPY**

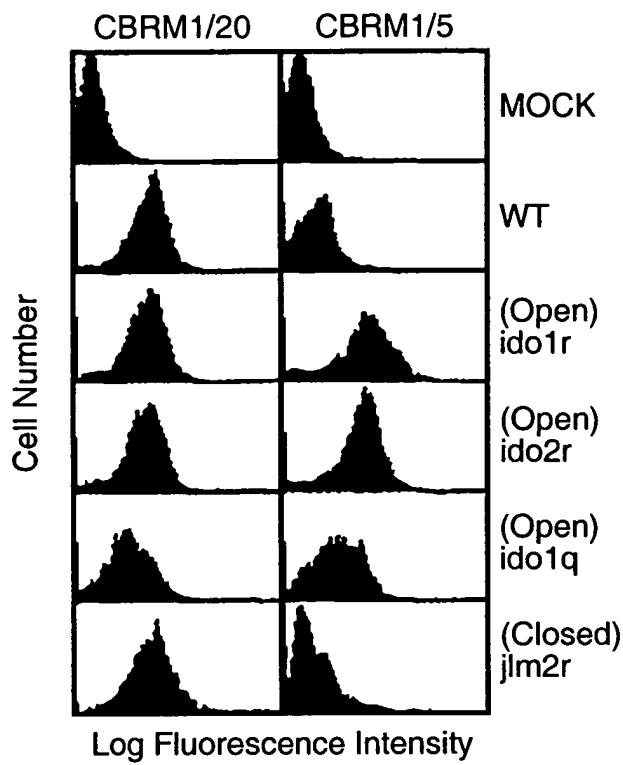
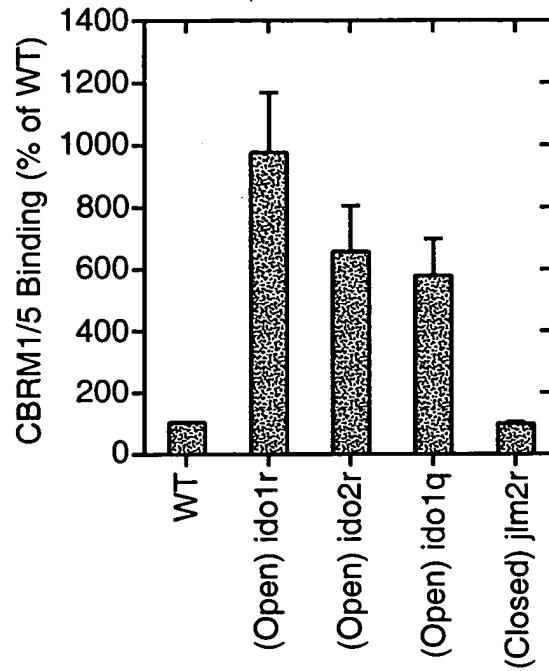
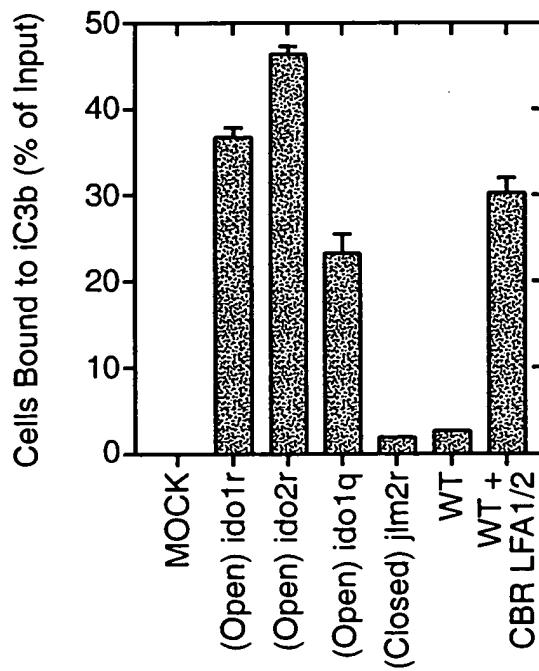
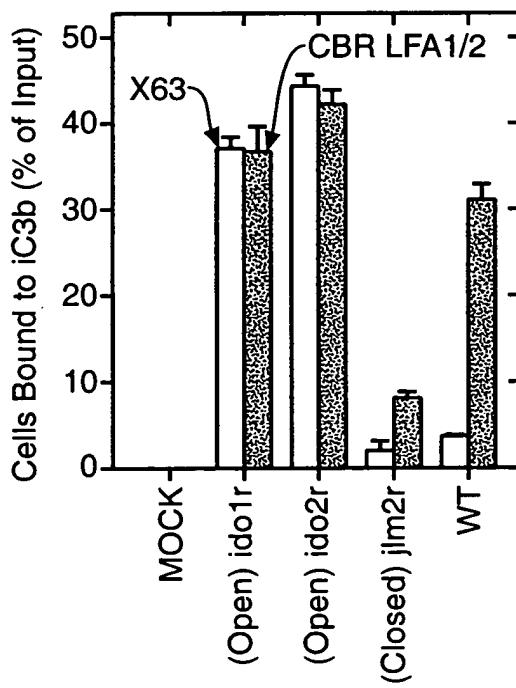
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## FIG.\_ 1G-2

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**FIG.\_2A****FIG.\_2B****FIG.\_2C****FIG.\_2D**

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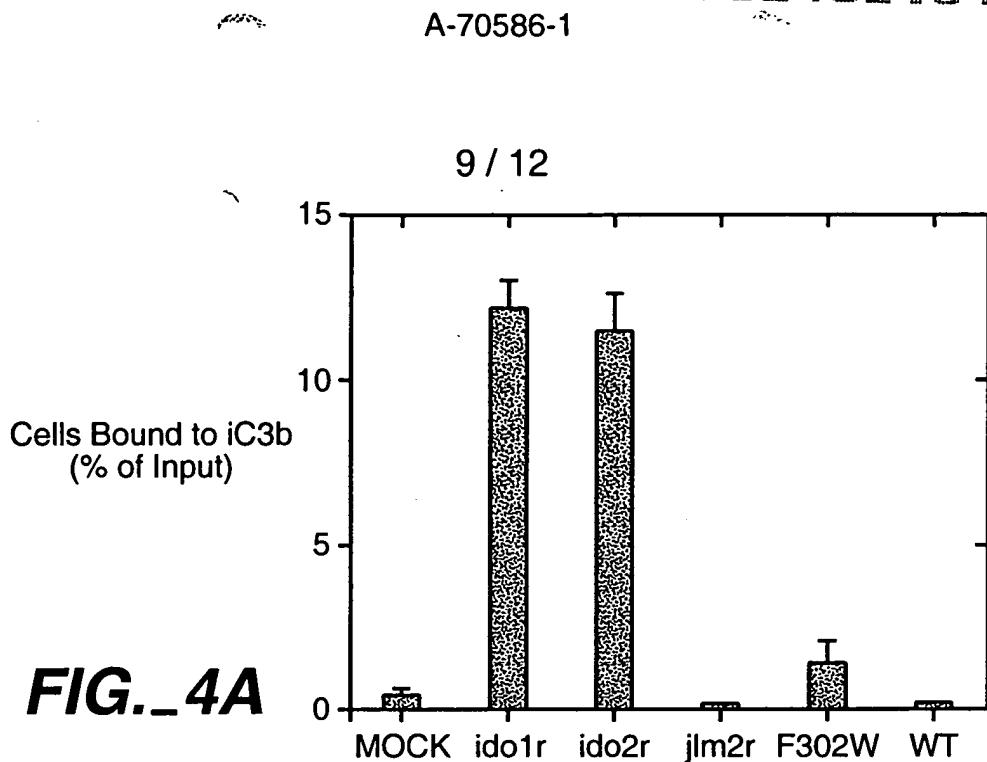
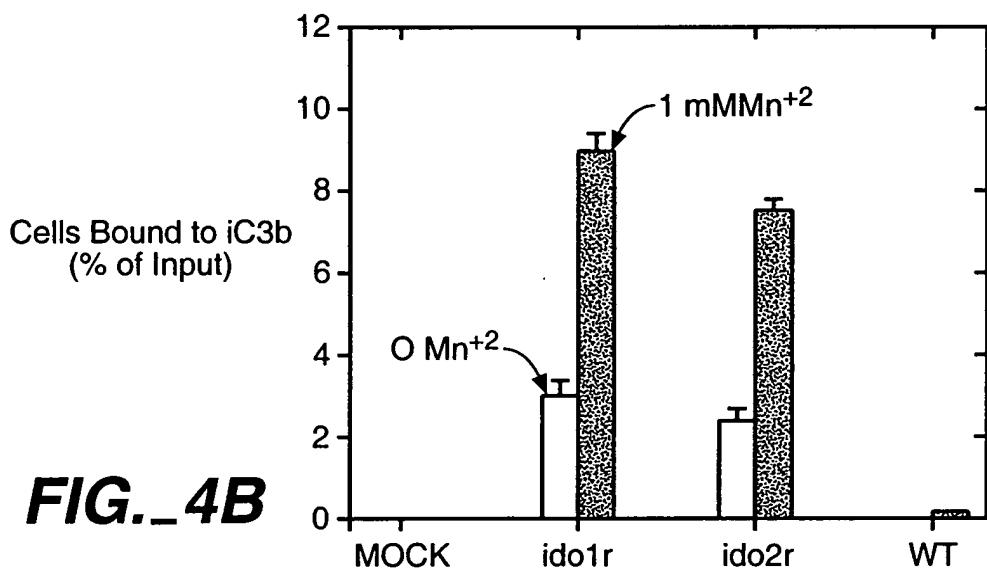
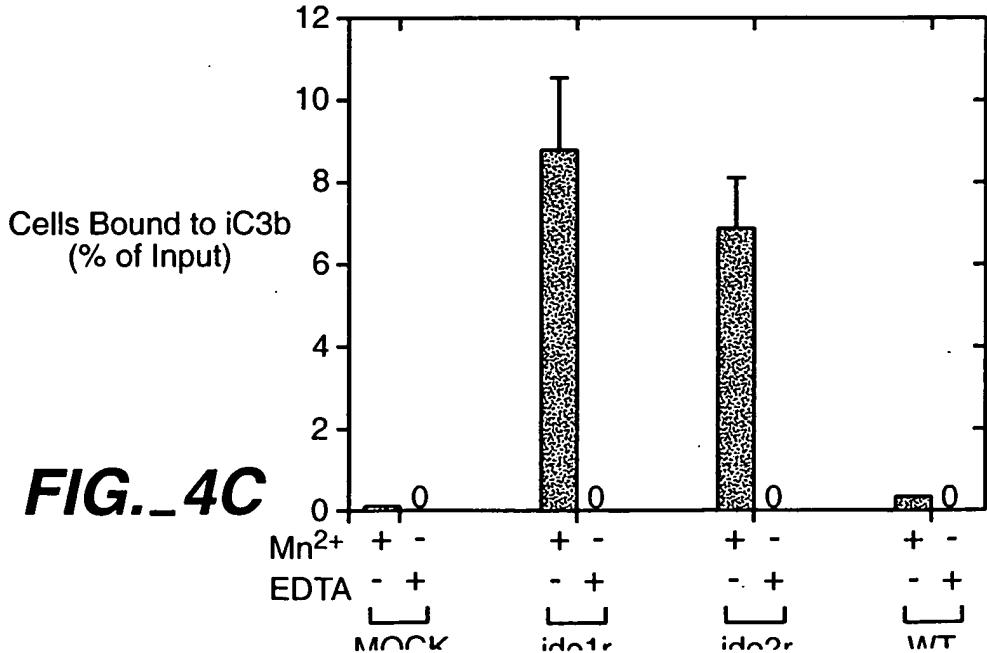
**FIG.\_3A****FIG.\_3B****FIG.\_3C****FIG.\_3D**

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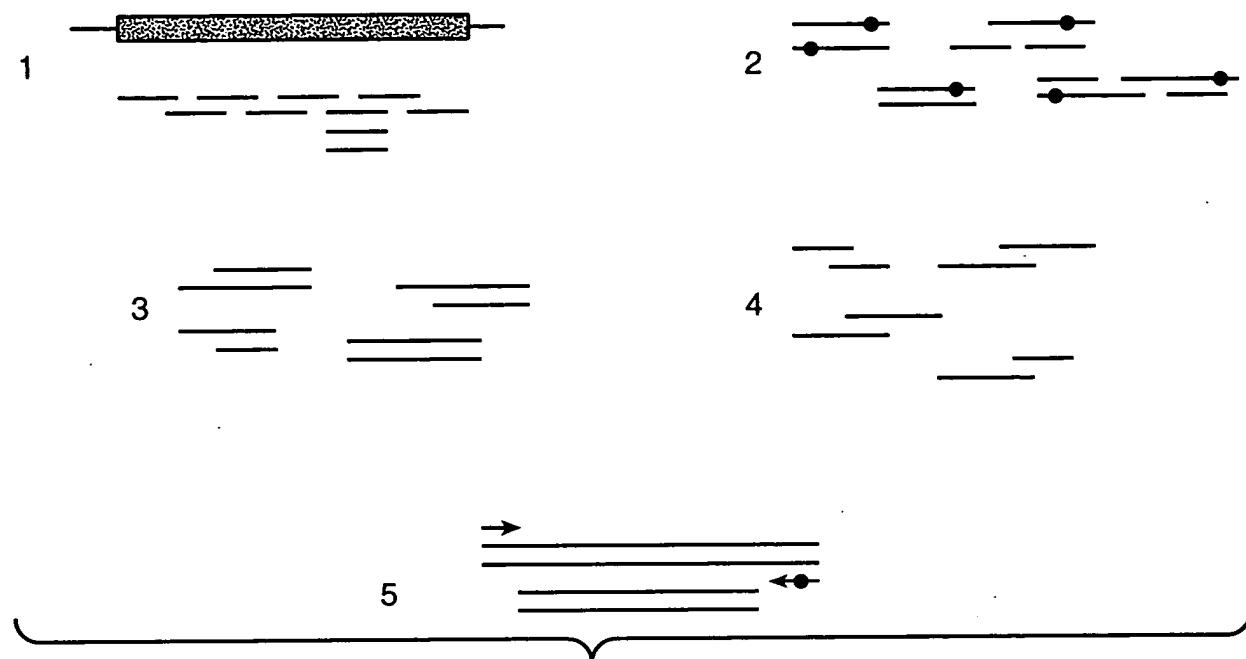
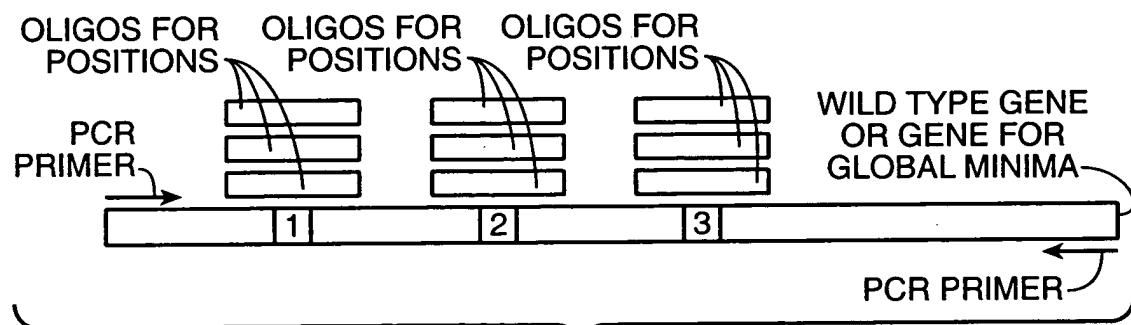
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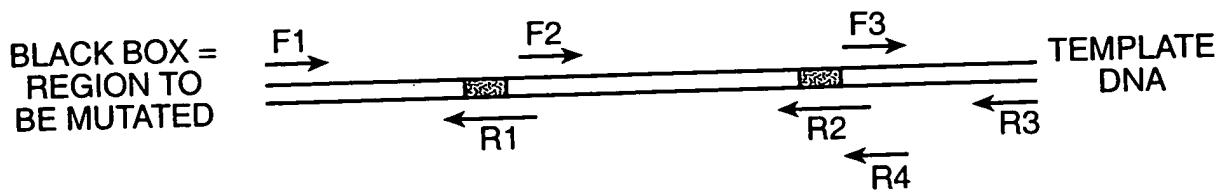
**FIG.\_4A****FIG.\_4B****FIG.\_4C**

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**FIG.\_5****FIG.\_6****BEST AVAILABLE COPY**

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STEP 1: SET UP 3 PCR REACTIONS:

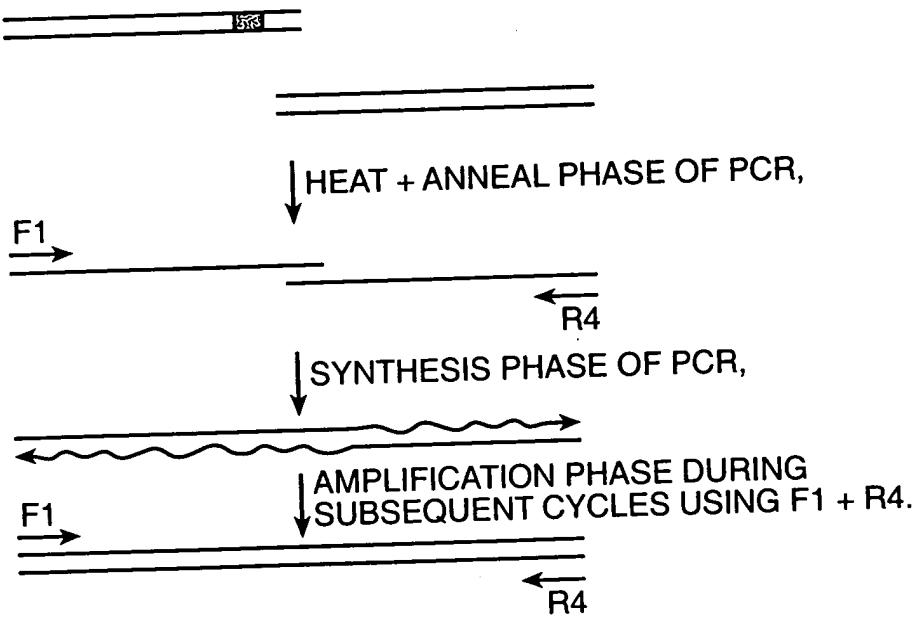
PRODUCTS:

TUBE 1:

TUBE 2:

TUBE 3:

STEP 2: SET UP PCR REACTION WITH PRODUCTS OF TUBE 1 +  
PRODUCTS TUBE 2 + F1 + R4.

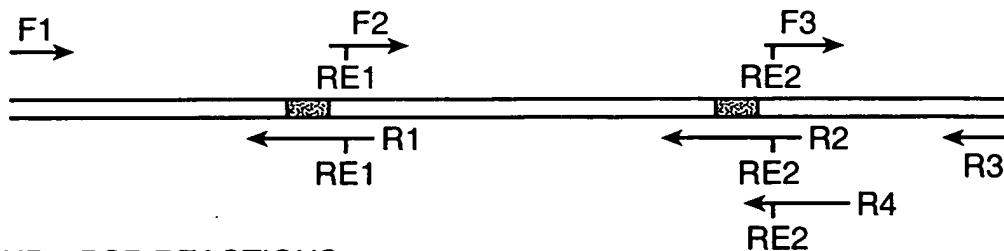


STEP 3: REPEAT STEP 2 USING PRODUCT FROM STEP 2 + PRODUCT  
FROM STEP 1, TUBE 3 + PRIMERS F1 + R3.

FIG.\_7

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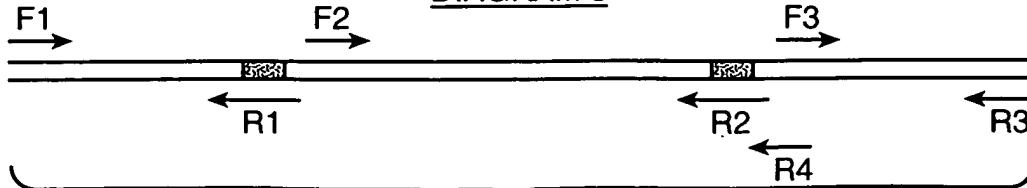
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**STEP 1: SET UP 3 PCR REACTIONS:**

TUBE 1: RE1

TUBE 2: RE1 RE2

TUBE 3: RE2

**STEP 2: DIGEST PRODUCTS FROM STEP 1 WITH SUITABLE RESTRICTION ENDONUCLEASES.****STEP 3: LIGATE DIGESTED PRODUCT FROM STEP 2, TUBE 2 WITH DIGESTED PRODUCT FROM STEP 2, TUBE 1.****STEP 4: AMPLIFY VIA PCR LIGATED PRODUCTS OF STEP 3 WITH F1 + R4.****STEP 5: DIGEST AMPLIFIED PRODUCT OF STEP 4 WITH RESTRICTION ENDONUCLEASE #2.****STEP 6: LIGATE PRODUCT FROM STEP 5 WITH PRODUCT FROM STEP 2, TUBE 3.****STEP 7: AMPLIFY PRODUCT FROM STEP 6 WITH F1 + R3.*****FIG.\_8*****DIAGRAM 3**

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